

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE the paragraph beginning at page 18, line 6, with the following paragraph:

In Fig. 10 to Fig. 12, "0_node at the edge side" indicates a node connected to the edge to be followed when the Boolean variable in the table shown in Fig. ~~44-7~~44-7 is "0". "1_node at the edge side" indicates a node connected to the edge to be followed when the Boolean variable is "1". "val_0" and "val_1" represent nodes of constants 0 and 1 respectively.

AMENDMENTS TO THE DRAWINGS:

In the Office Action, on page 2, the Examiner objected to the drawings. In order to overcome these objections, replacement figures are submitted herewith. In FIGS. 10-12, corrections of the column width and font have been made according to Examiner's suggestions. Approval of these changes to the Drawings is respectfully requested.